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Aercoustics Project #: 22035.00

**St Marys Cement Inc (Canada)  
CBM Aggregates – Caledon Quarry**

55 Industrial Street,  
Toronto Ontario, Canada, M4G 3WG

ATTN: Mr. David Hanratty, CBM

Subject: Proposed Caledon Pit/Quarry – Draft Noise Study Peer Review

CBM Aggregates (“CBM”) has retained Aercoustics Engineering Limited (“Aercoustics”) to review and provide comments on a noise report prepared by WSP Golder which details the noise assessment of a proposed pit and quarry site in Caledon, Ontario.

Aercoustics has reviewed a report titled “Noise Assessment Report – Proposed CBM Caledon Pit/Quarry”, dated December 16, 2022 (Revised July 2023) which will be referred to as the “Report” herein. The Report outlines the methodology and assumptions utilized in the assessment of noise impacts from the proposed site and provides conceptual noise control measures where exceedances were predicted.

Aercoustics agrees with the acoustical classification assumed for the receptors in the subject area as well as the associated sound level limits.

Aercoustics further agrees with the conclusion that land use compatibility from the proposed Caledon Pit/Quarry can be achieved through the development of appropriate noise controls and setbacks.

The Report proposes noise controls in the form of operational restrictions, limits on the number and noise emissions of specific equipment, and acoustic barriers as outlined in Section 6.1.3 of the Report. These types of noise controls are consistent with those observed at other pit and quarry operations elsewhere.

Noise controls are understood to have been developed to address the specific worst-case noise impact from each source at each receptor location. In Aercoustics’ experience, these worst-case operating scenarios represent a small proportion of the total operating lifetime of a pit or quarry. It is common for the real-world noise impacts at sensitive locations to

fall below those predicted in the noise model with the implementation of the required noise controls.

With incorporation of the specific noise controls identified in Section 6.1.3 of the Report, it is reasonable that the applicable MECP sound level limits can be achieved.

In conclusion, the Report follows the appropriate noise standards and guidelines and Aercoustics agrees with its general conclusions.

Sincerely,

**AERCOUSTICS ENGINEERING LIMITED**



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Kohl Clark, B.Eng.



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Derek Flake, P.Eng.